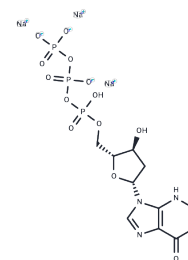


dITP trisodium salt

Chemical Properties

CAS No. :	95648-77-4
Formula:	C ₁₀ H ₁₂ N ₄ Na ₃ O ₁₃ P ₃
Molecular Weight:	558.11
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	dITP trisodium salt (2'-Deoxyinosine-5'-triphosphate trisodium salt) is present in the hyperthermophilic bacterium <i>Thermotoga maritima</i> and can be used as a mutation reagent in mutagenesis PCR.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7918 mL	8.9588 mL	17.9176 mL
5 mM	0.3584 mL	1.7918 mL	3.5835 mL
10 mM	0.1792 mL	0.8959 mL	1.7918 mL
50 mM	0.0358 mL	0.1792 mL	0.3584 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Abolhassani N, et al. NUDT16 and ITPA play a dual protective role in maintaining chromosome stability and cell growth by eliminating dIDP/IDP and dITP/ITP from nucleotide pools in mammals. *Nucleic Acids Res.* 2010 May;38(9):2891-903.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481